

# Interconnected Fabric Module

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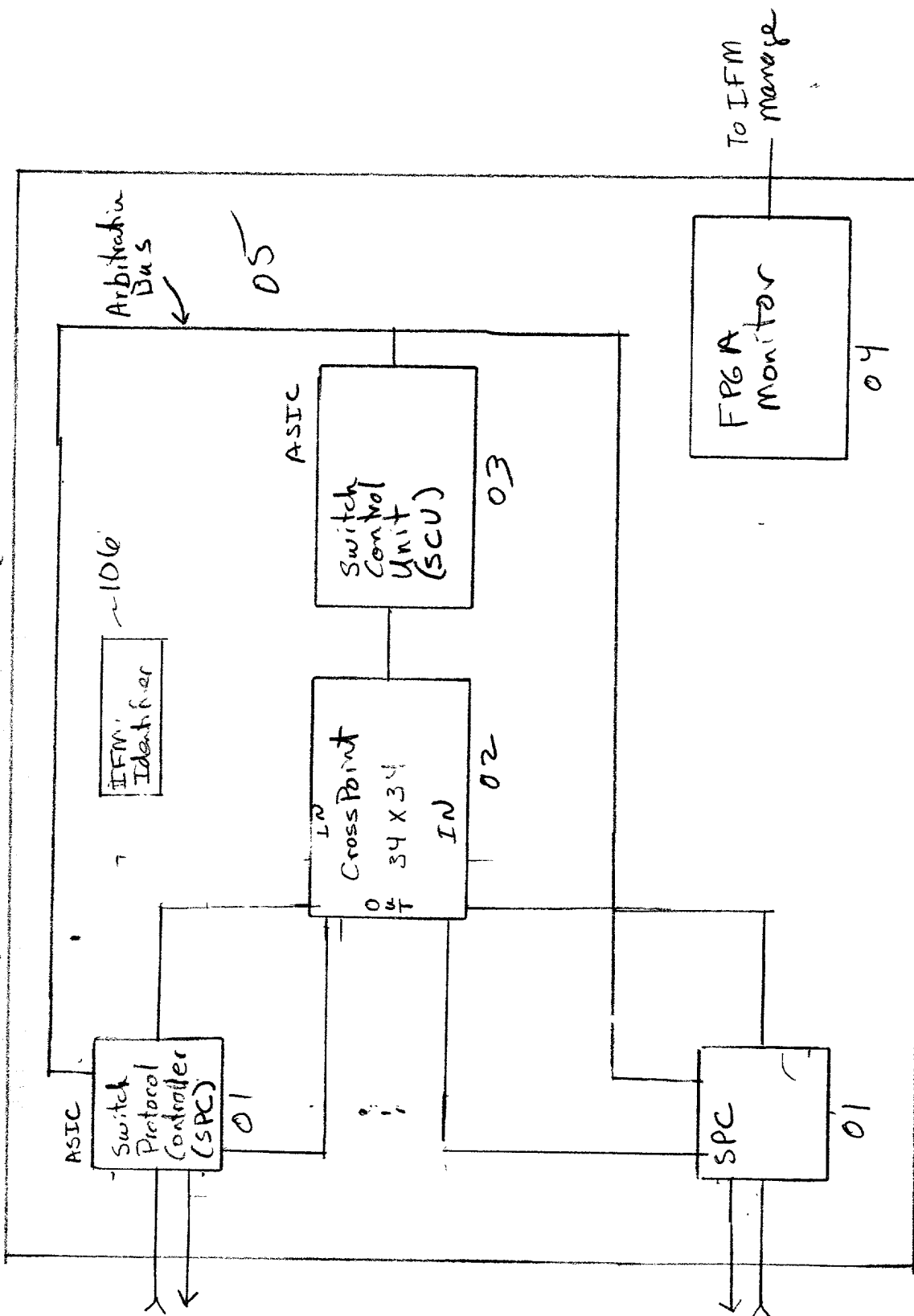


Fig 1

# Switch Protocol Controller (SPC)

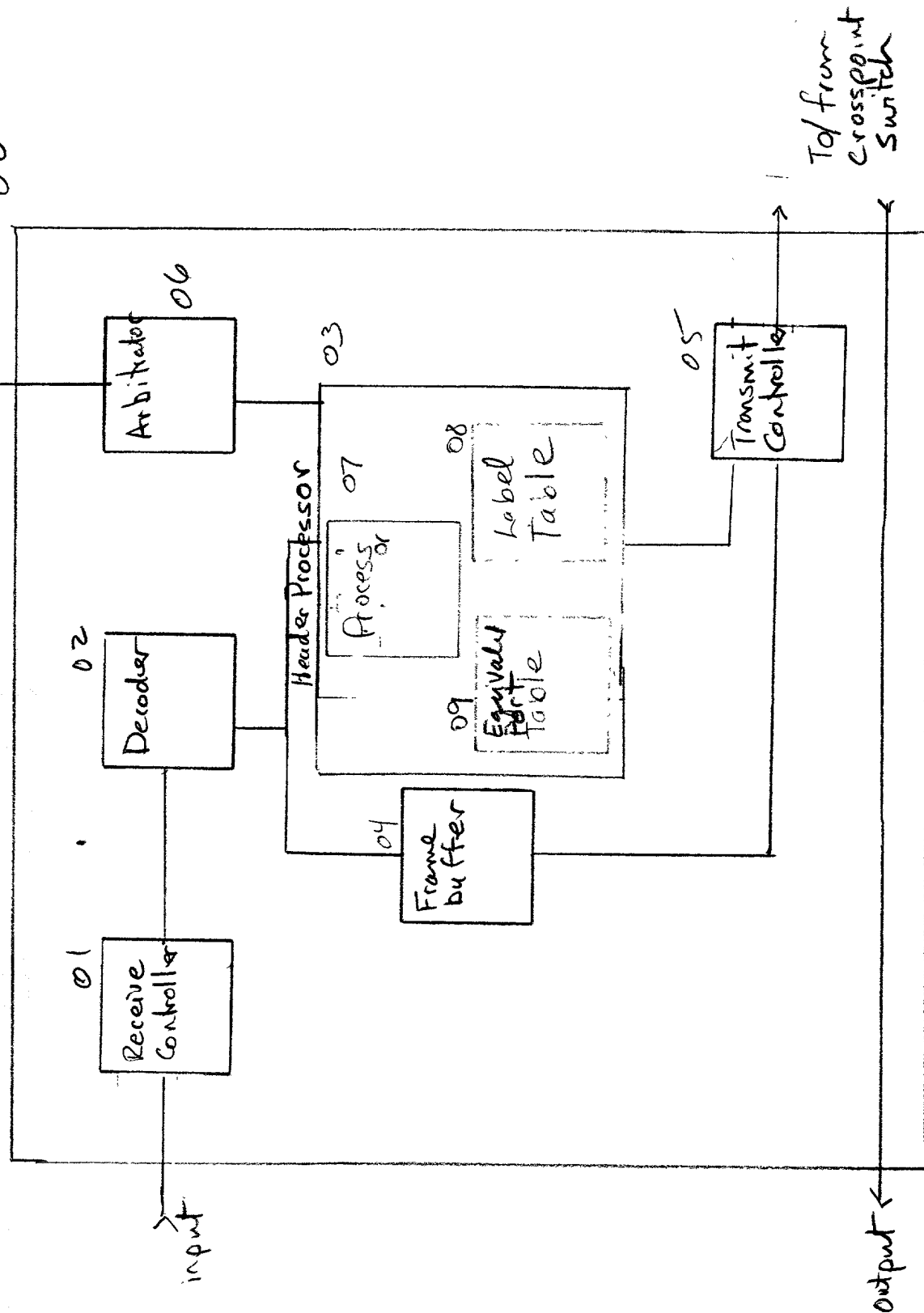


Fig 2

# Labelable GTE300T

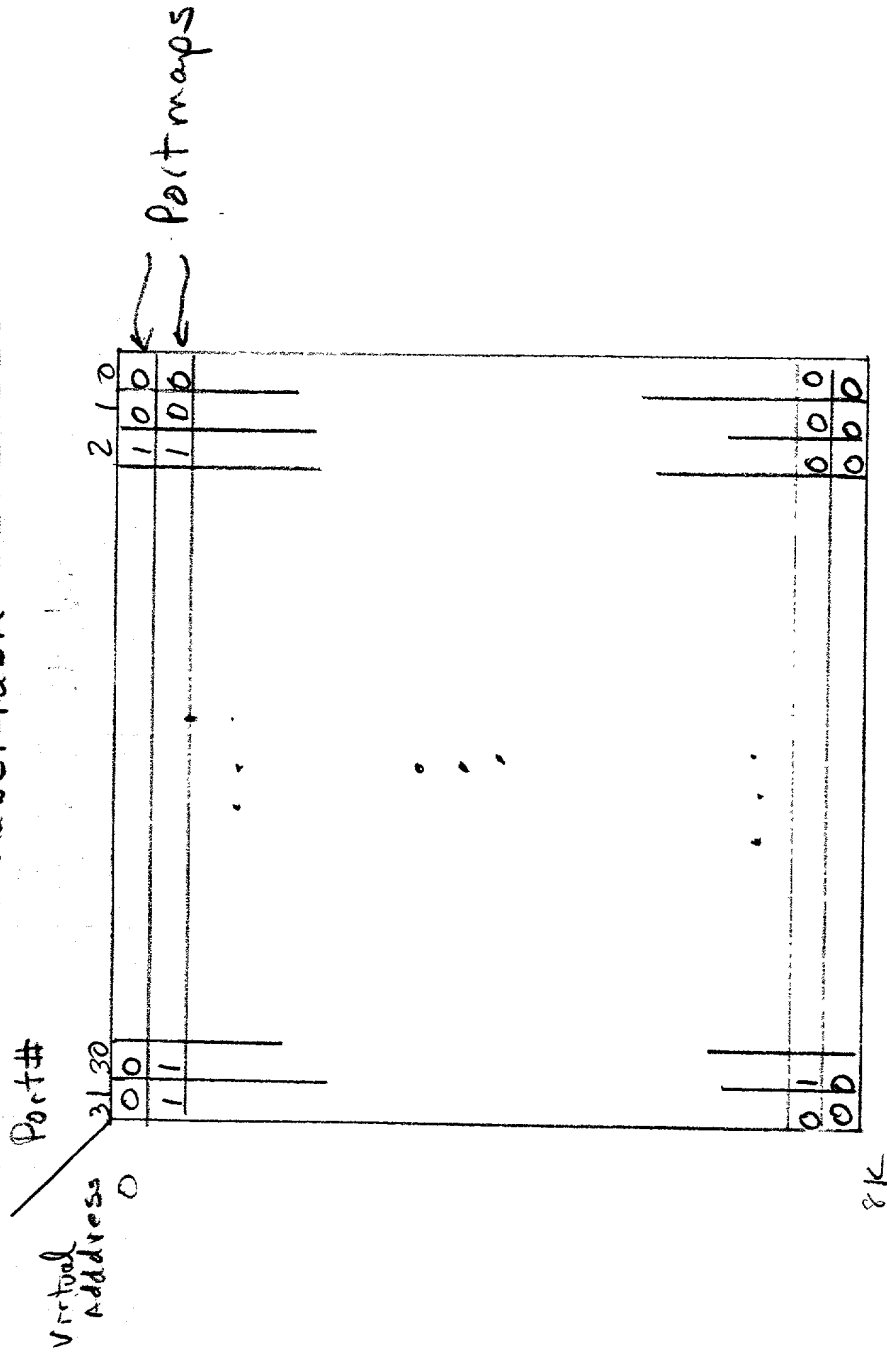


Fig 3

# Frame

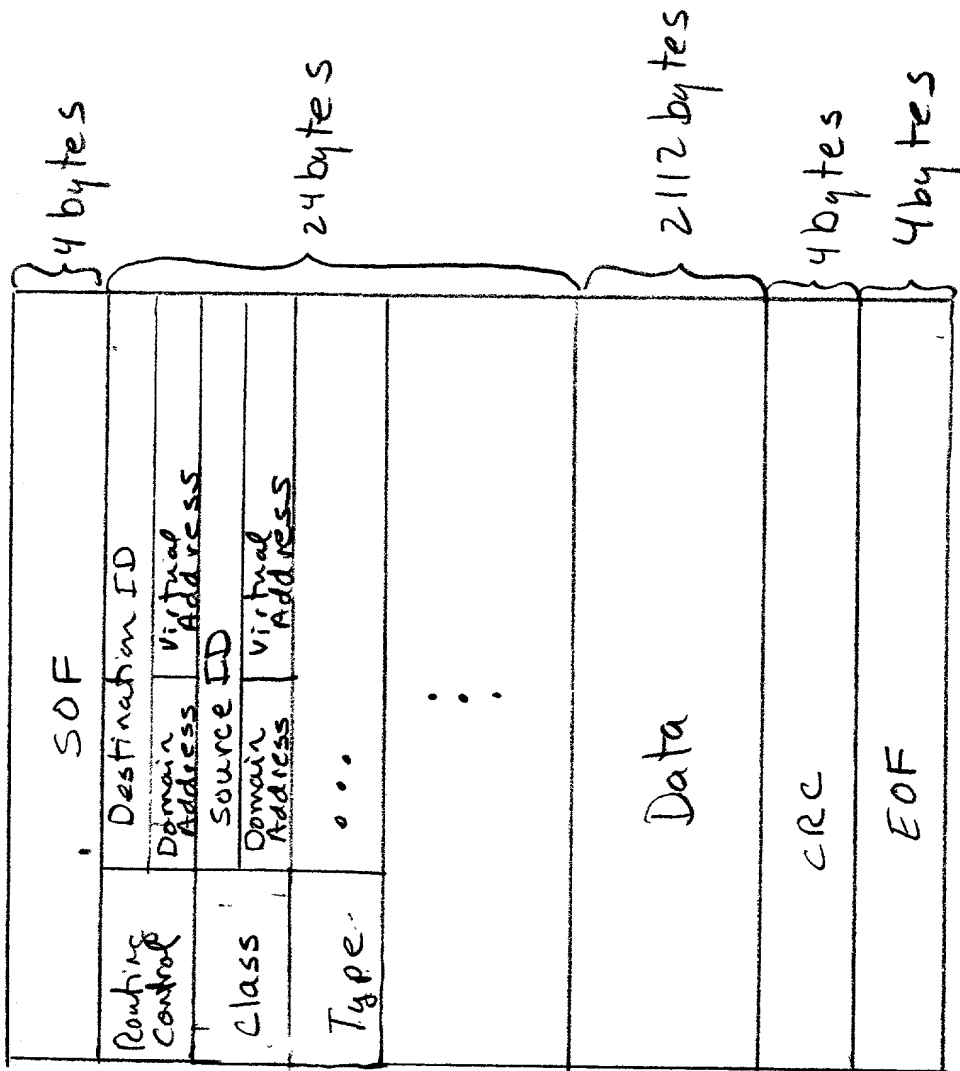


Fig 4

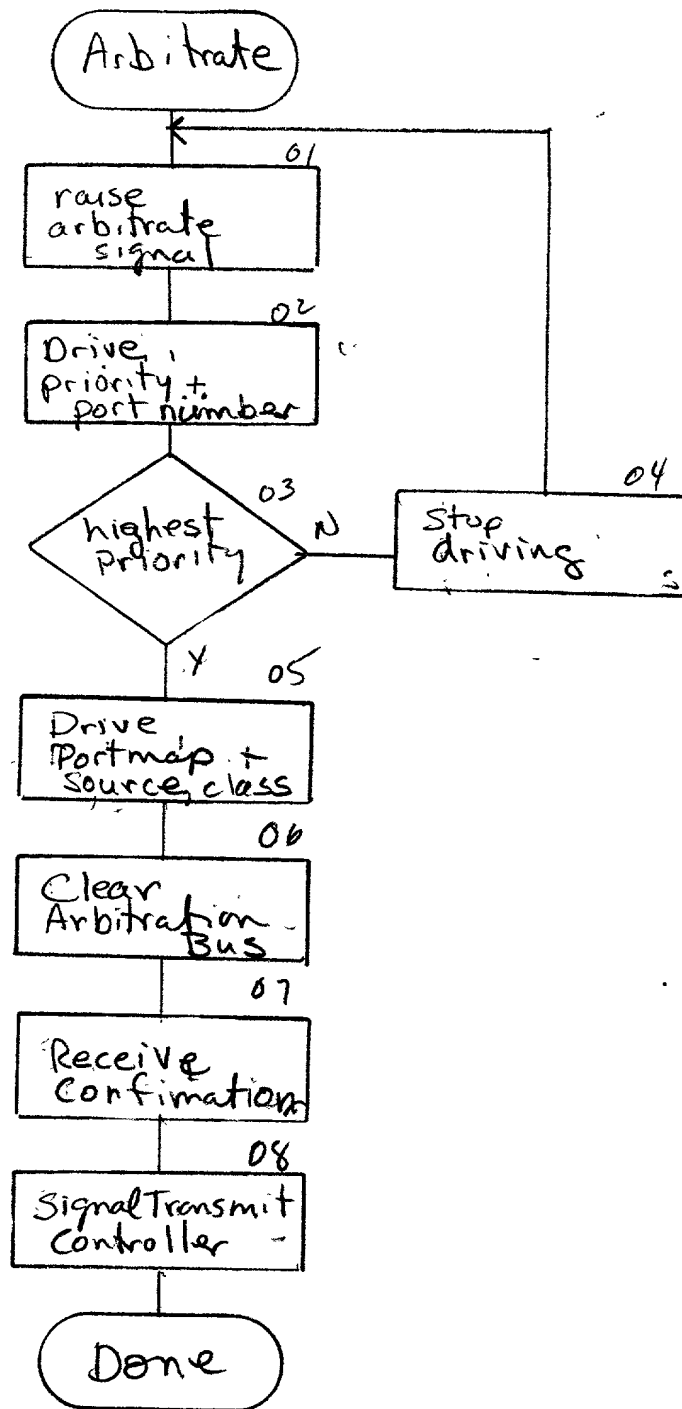


Fig 5

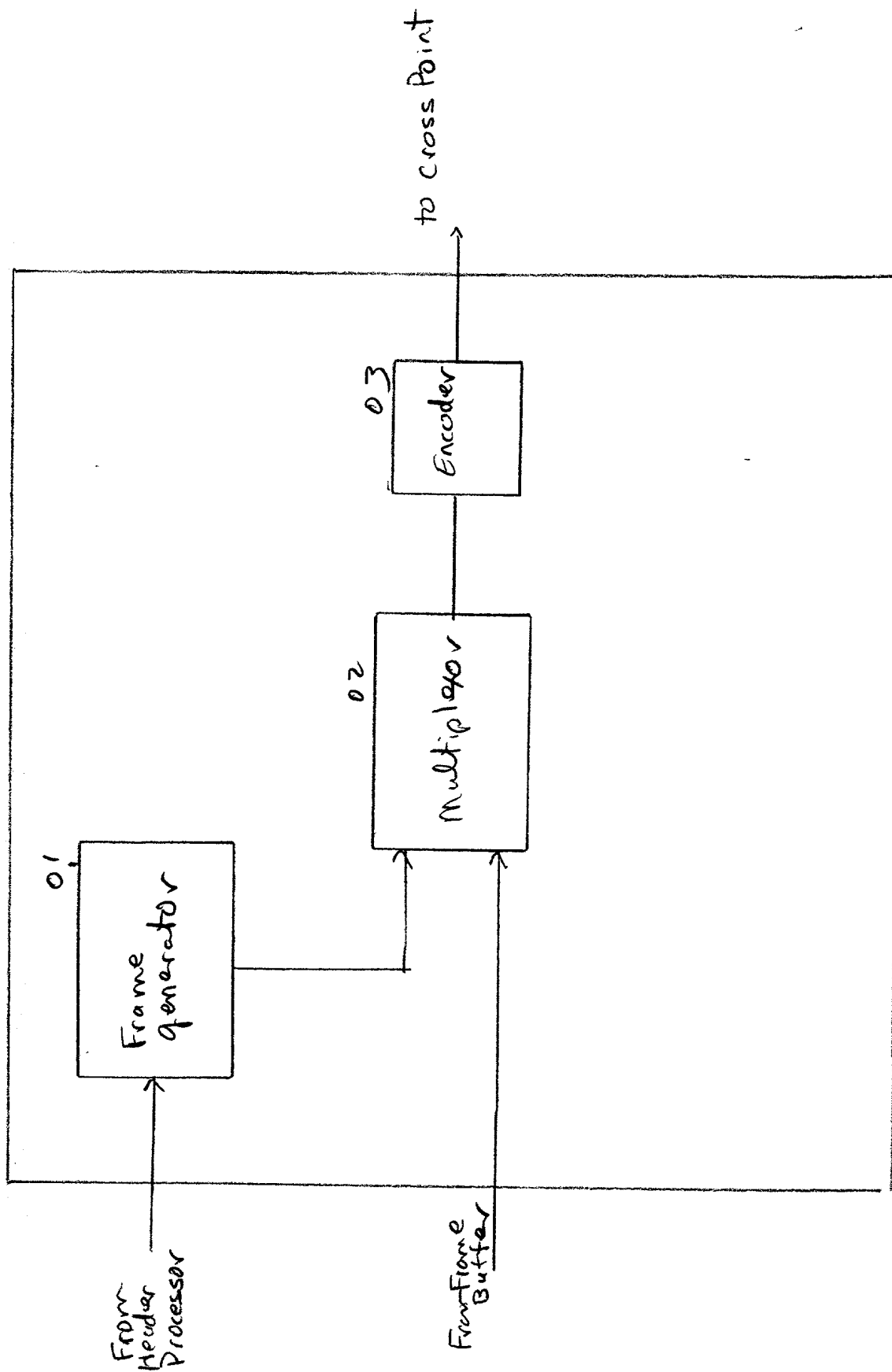
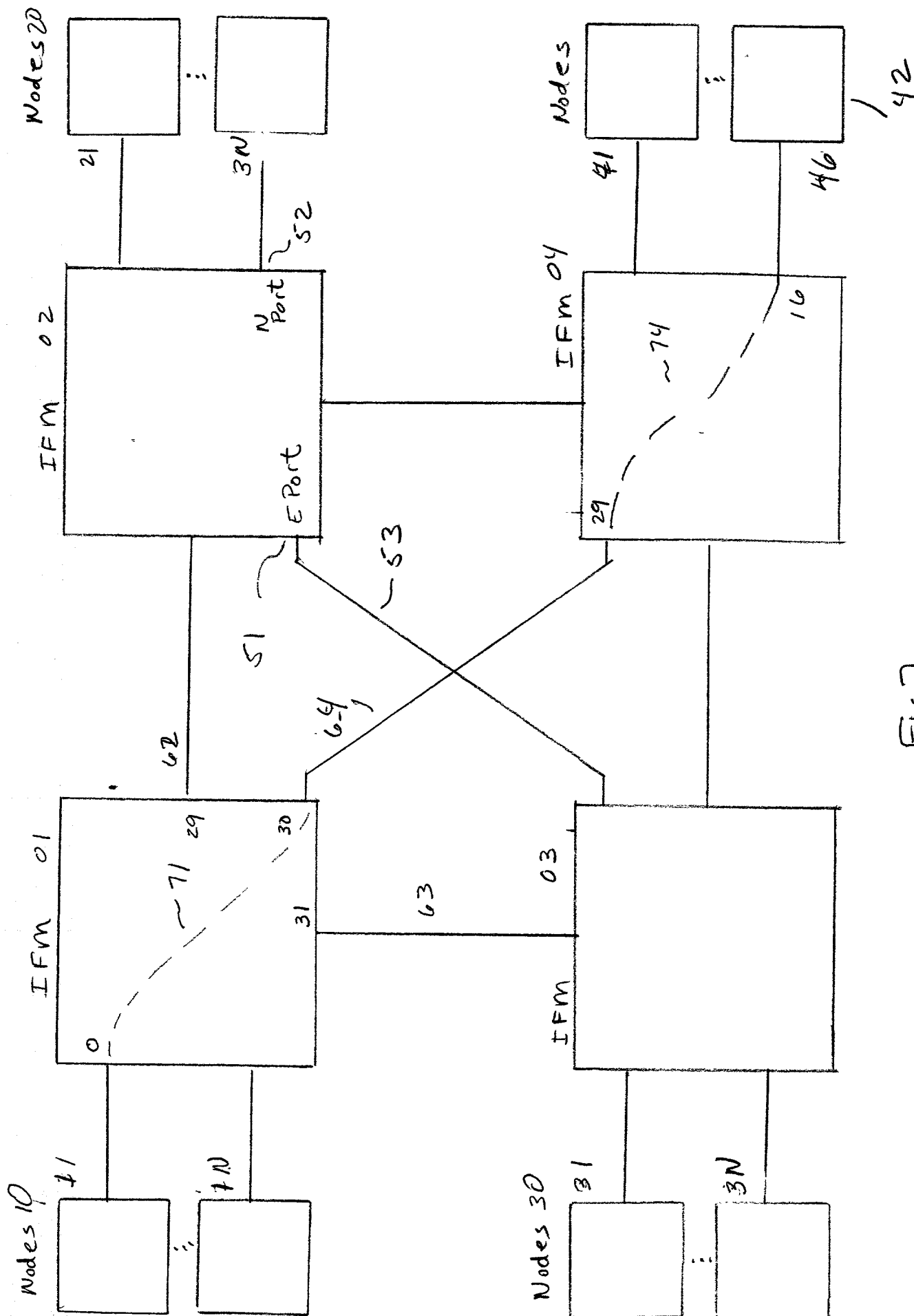


Fig 6



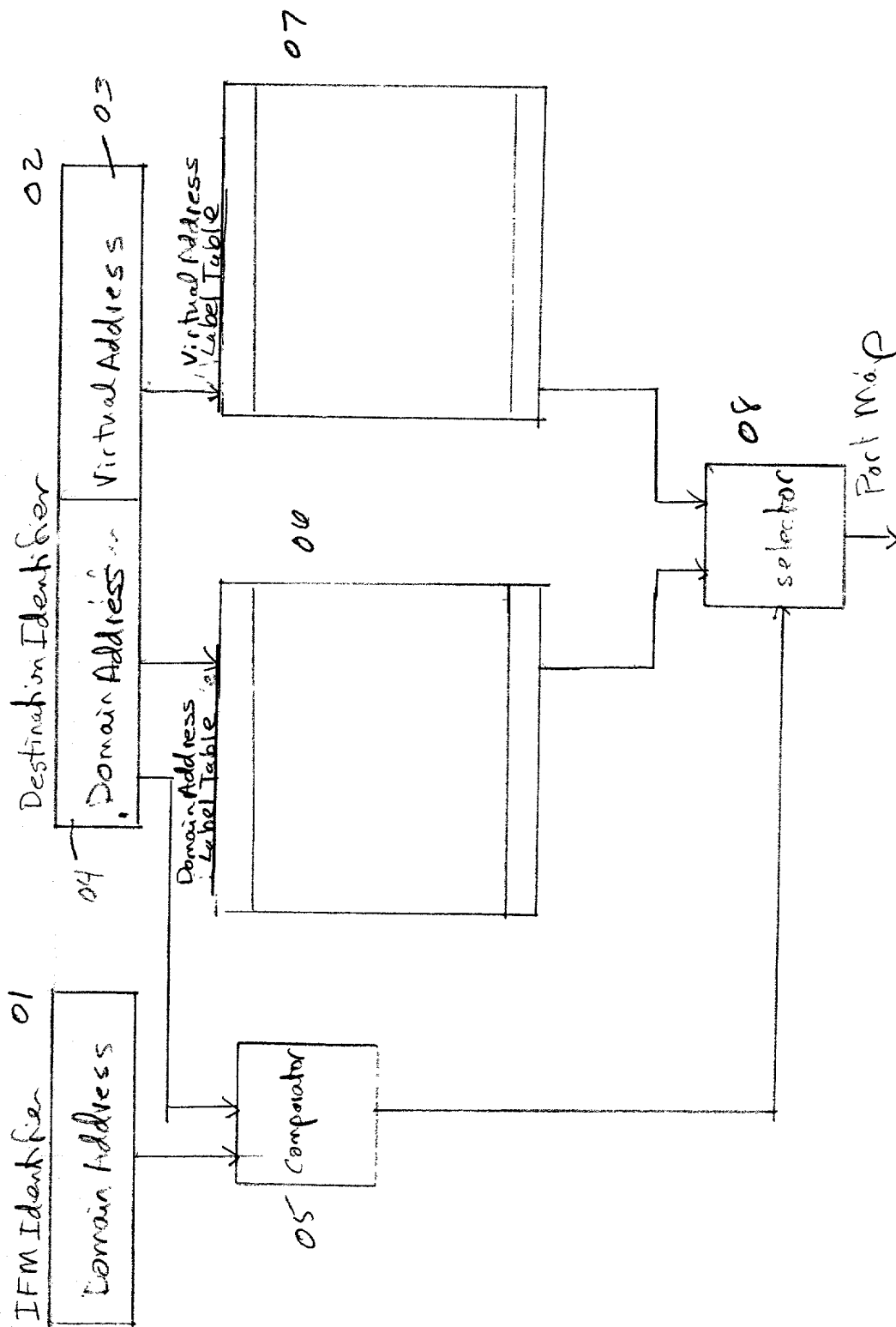


Fig. 8



# Quad Switch Protocol Controller

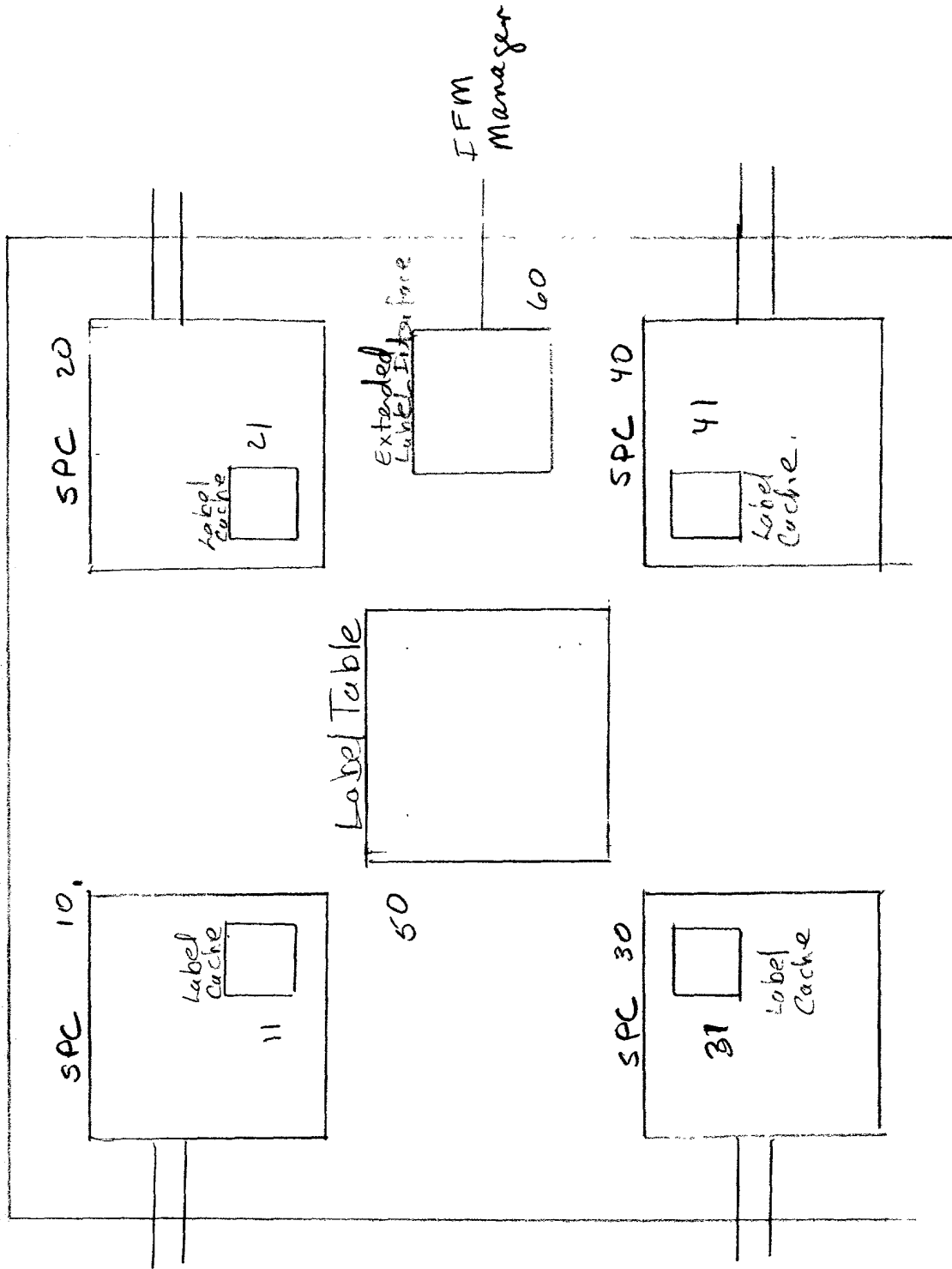


Fig. 9

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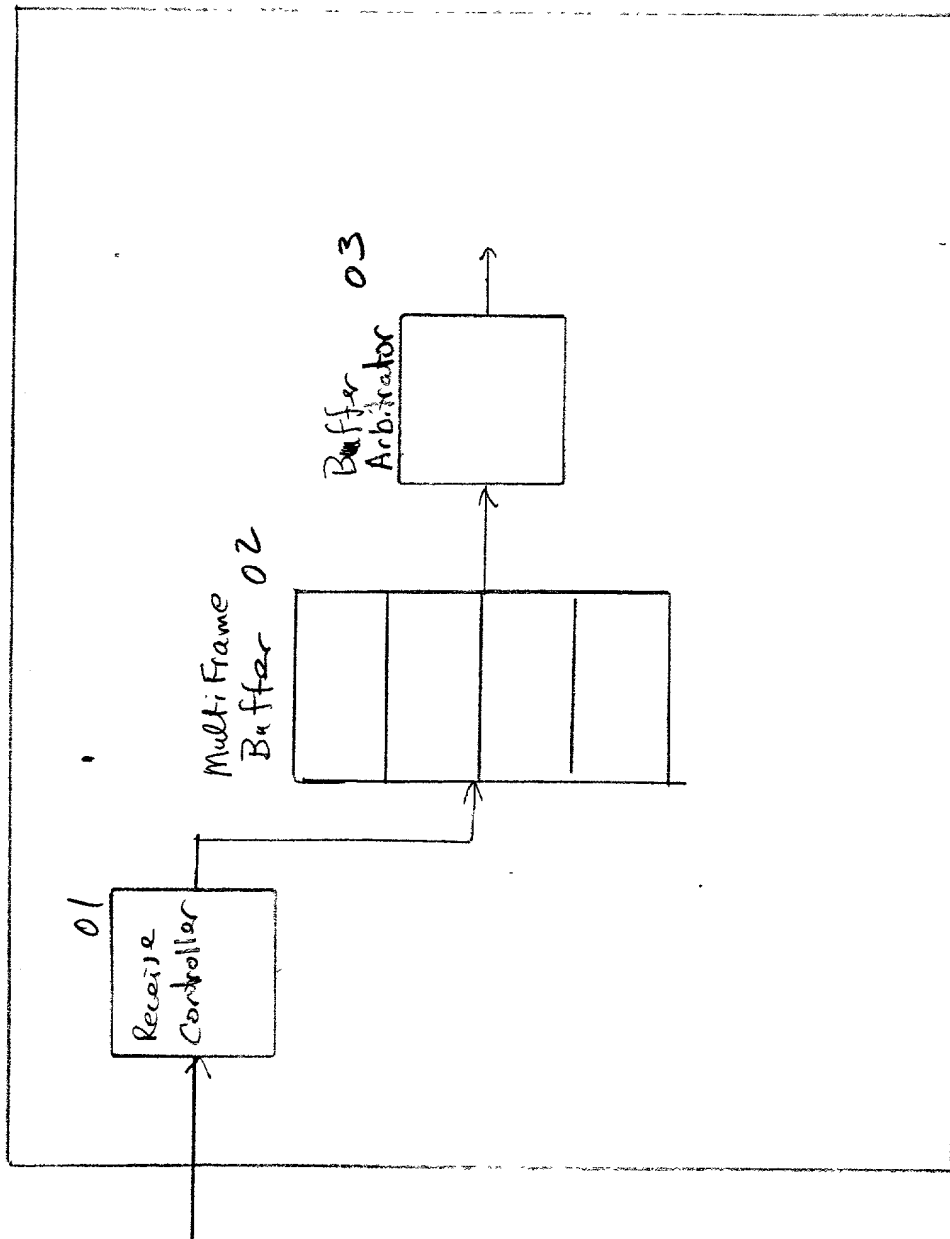
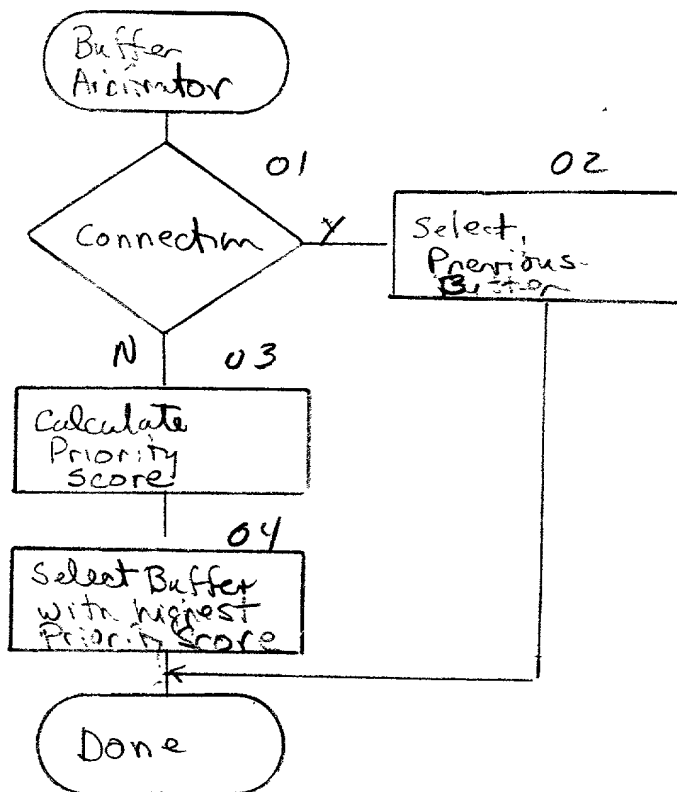


FIG 10



F, 8 11

# 2014

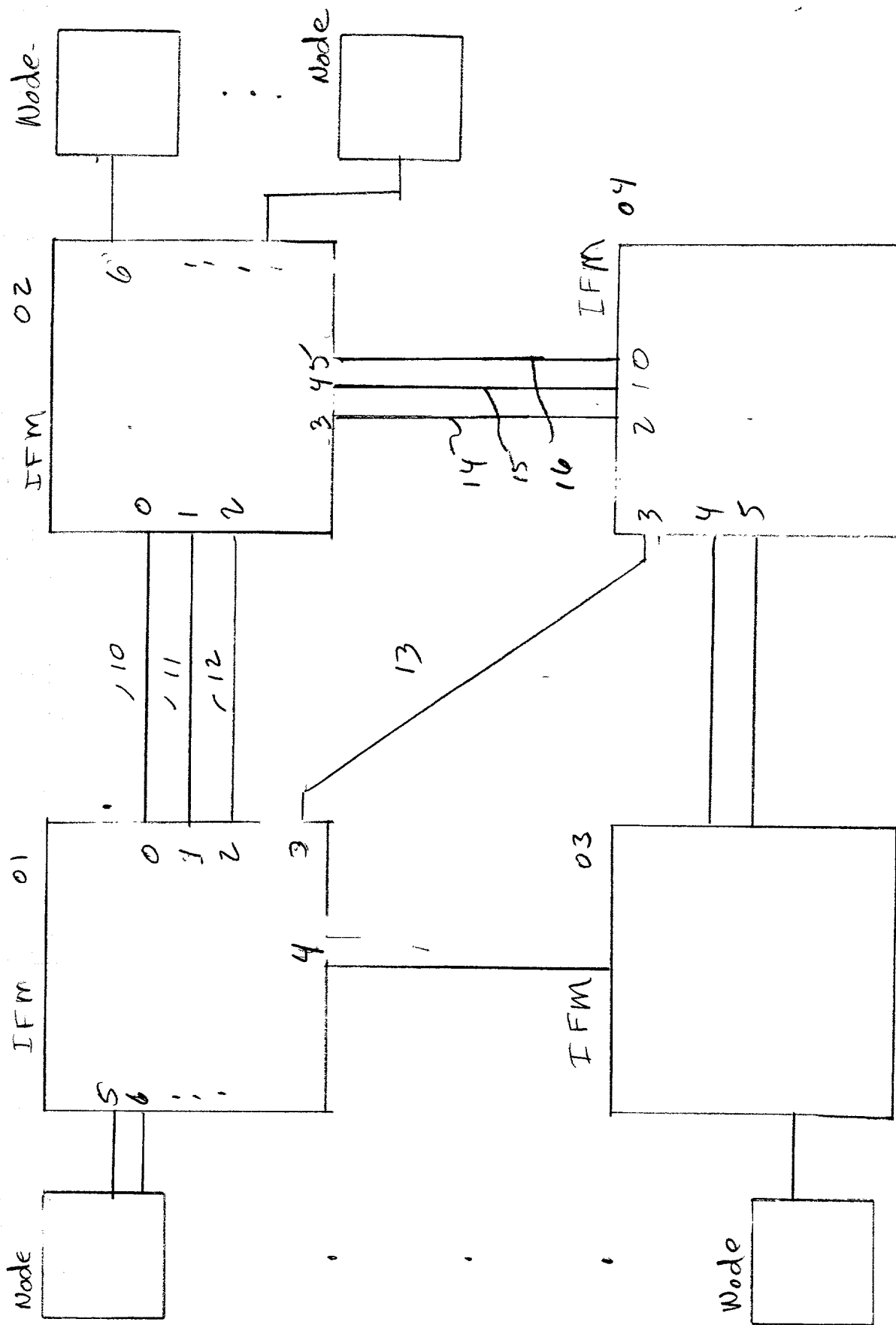


Fig 12

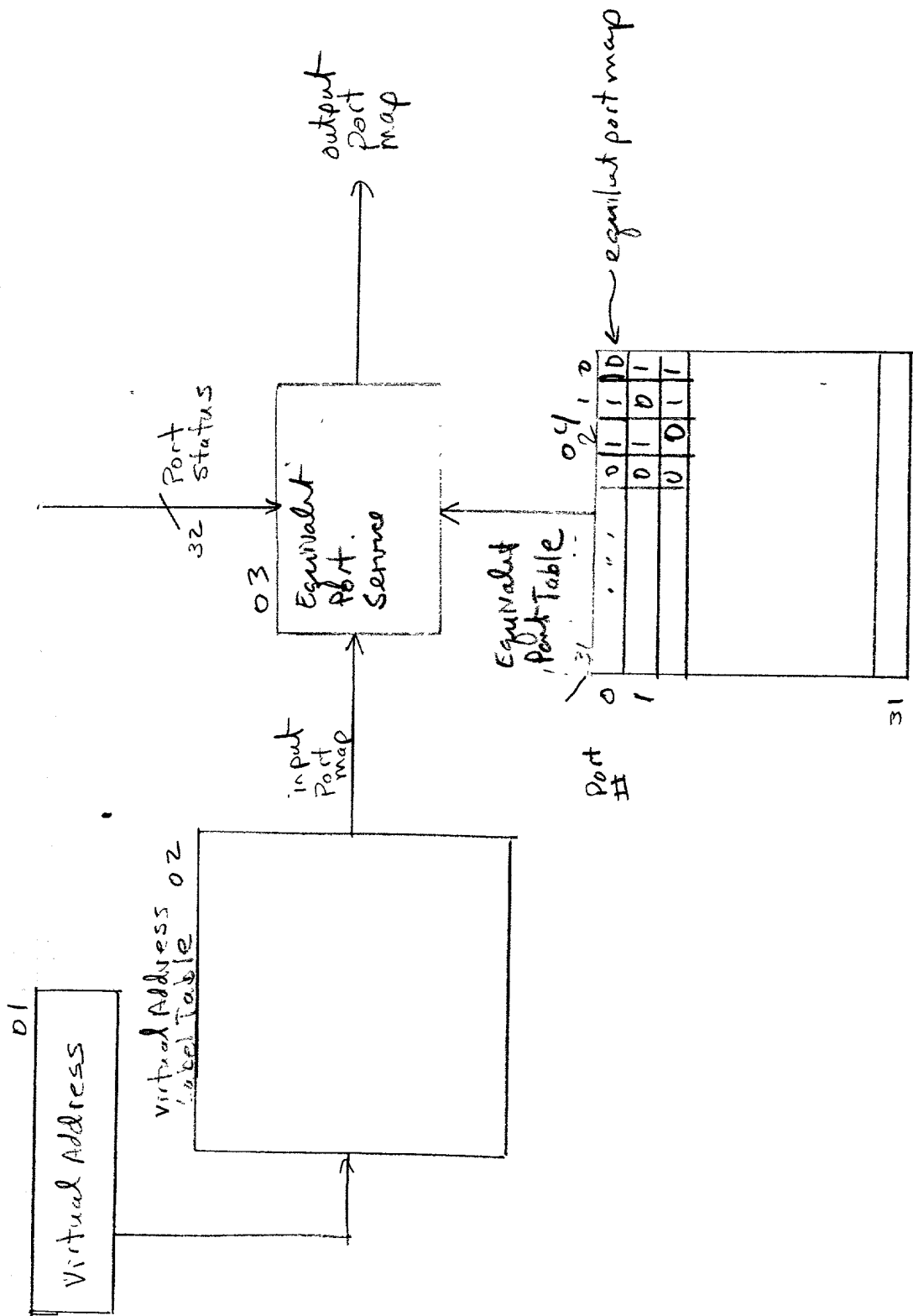


Fig 13

1006219-102601

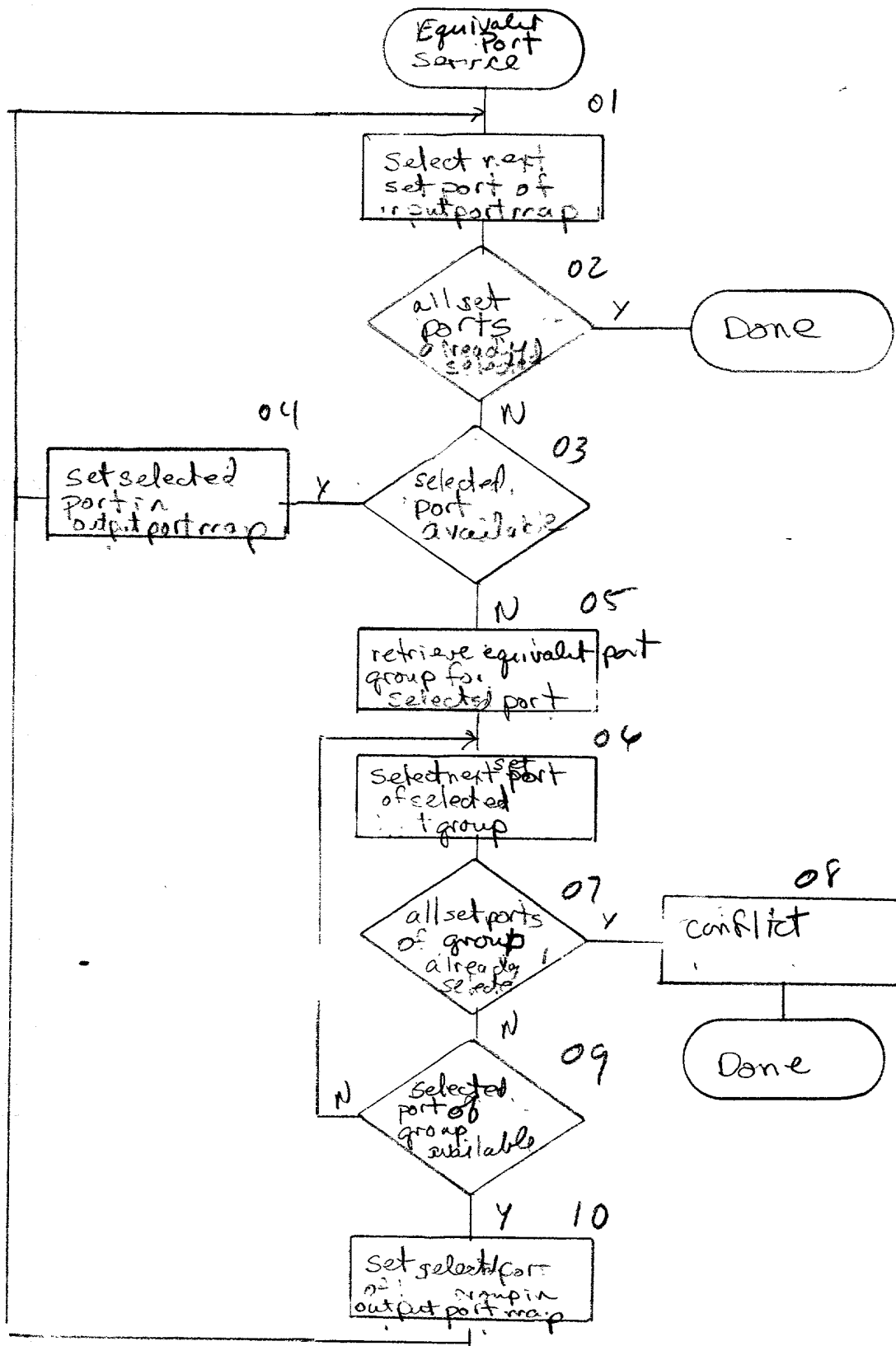


Fig 14

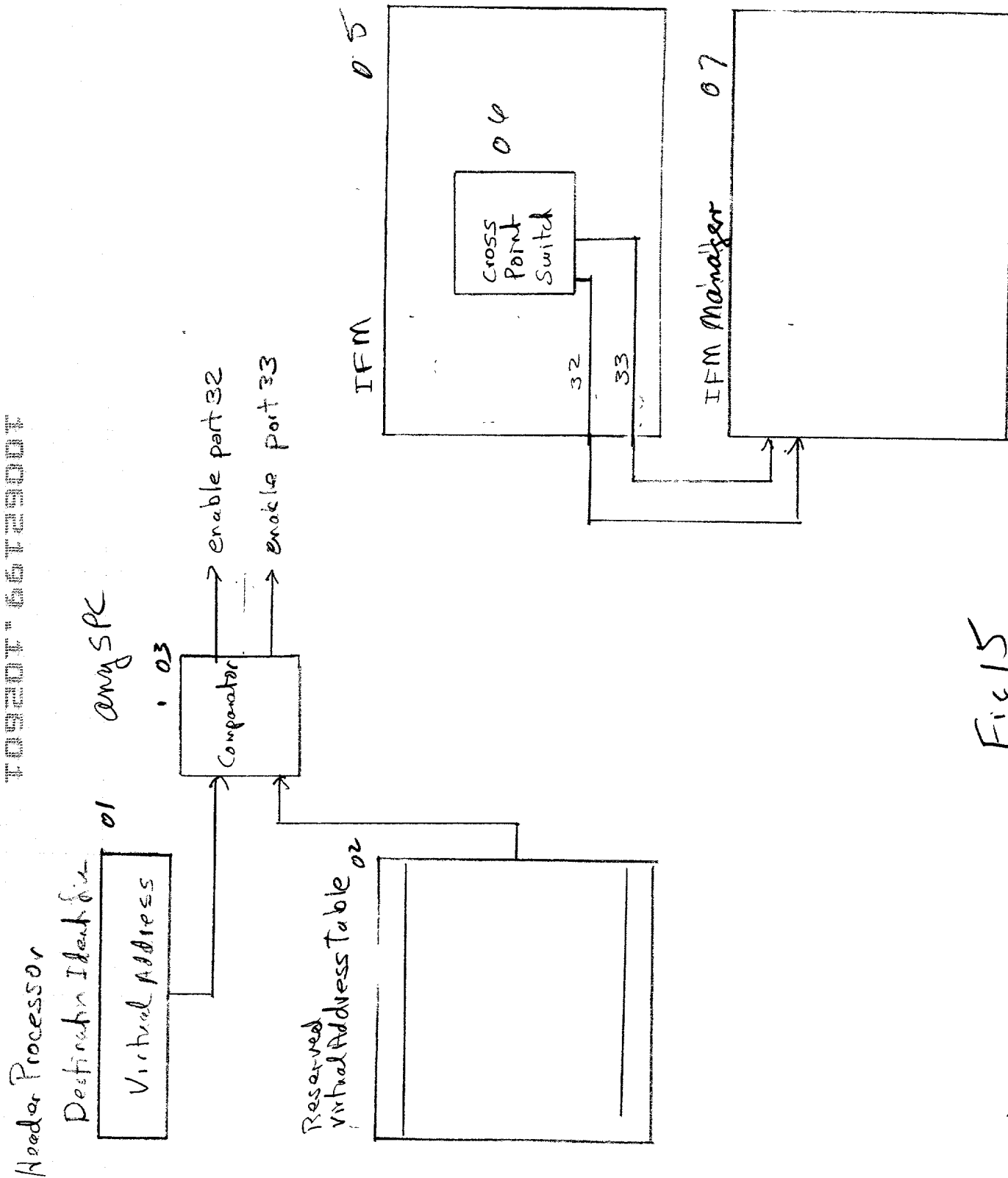


Fig 15

## Deadlock

10

Time	Node #	IP	Node #	IP
0	1405	1601	1406	1602
	Send start		Send start	
	connect		connect	

1	Connect $1 \leftrightarrow 0$	Connect $2 \leftrightarrow 0$
2	Forward start connect	Forward start Connect
3	Can't forward start connect Node 1	Can't forward start connect

F1816



Avoid  
Deadlock

When end-to-end  
not established

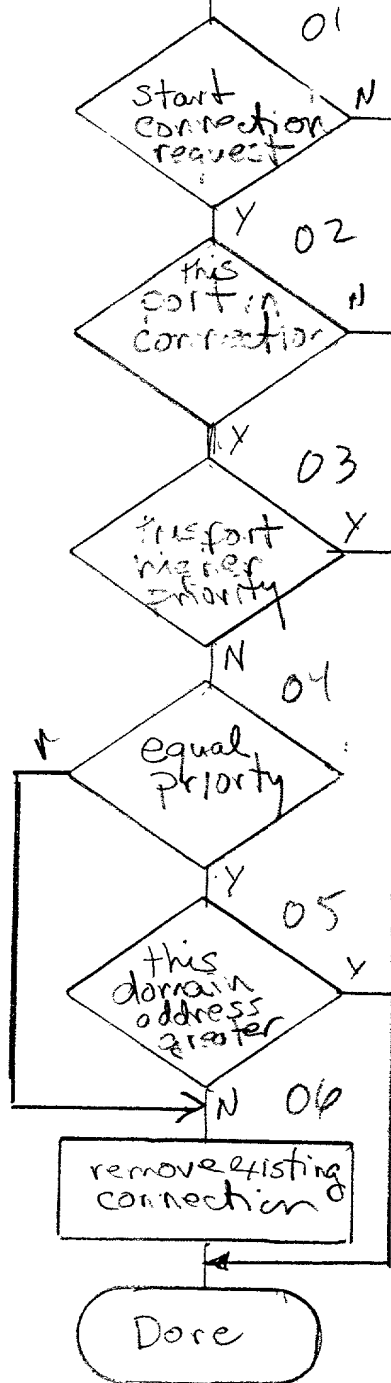


Fig 17

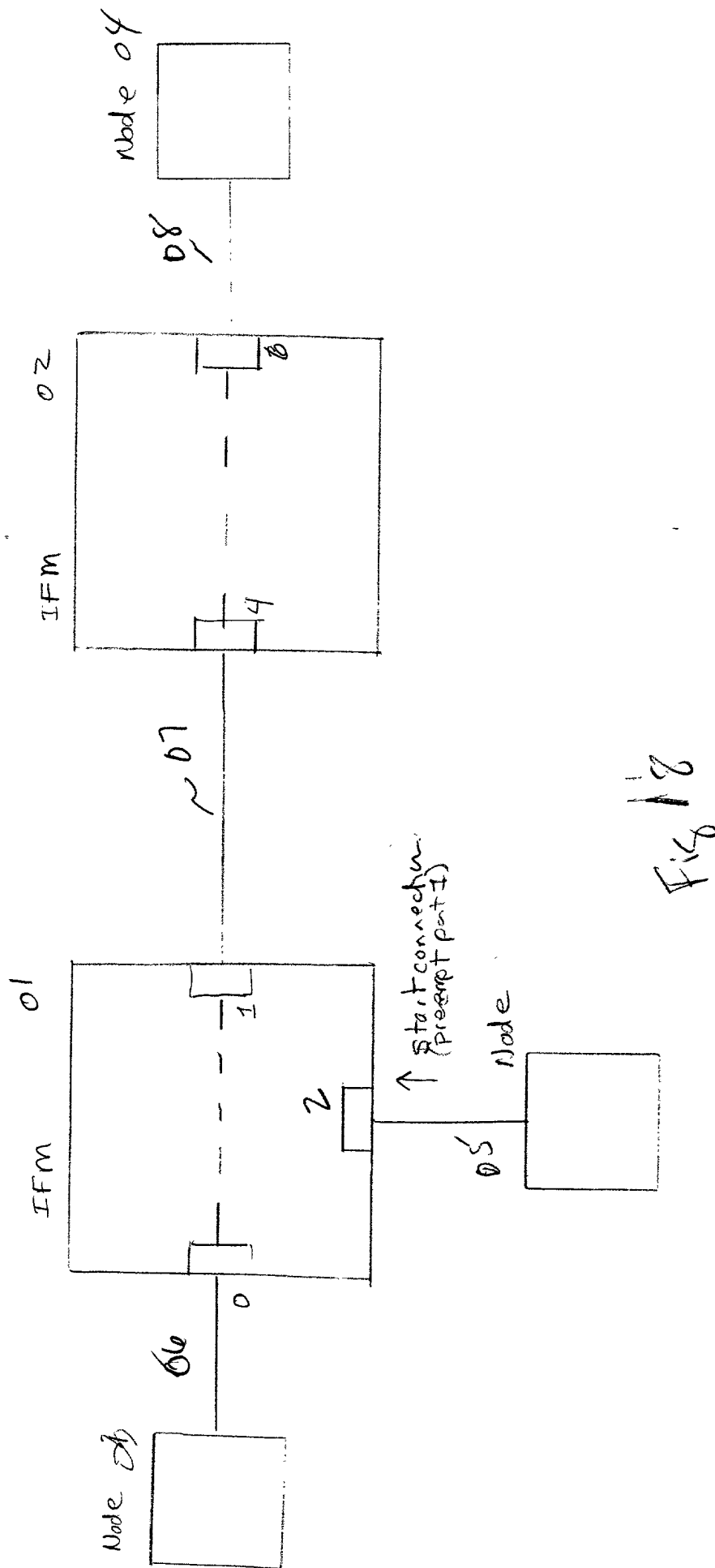


Fig 12

10062199-102601

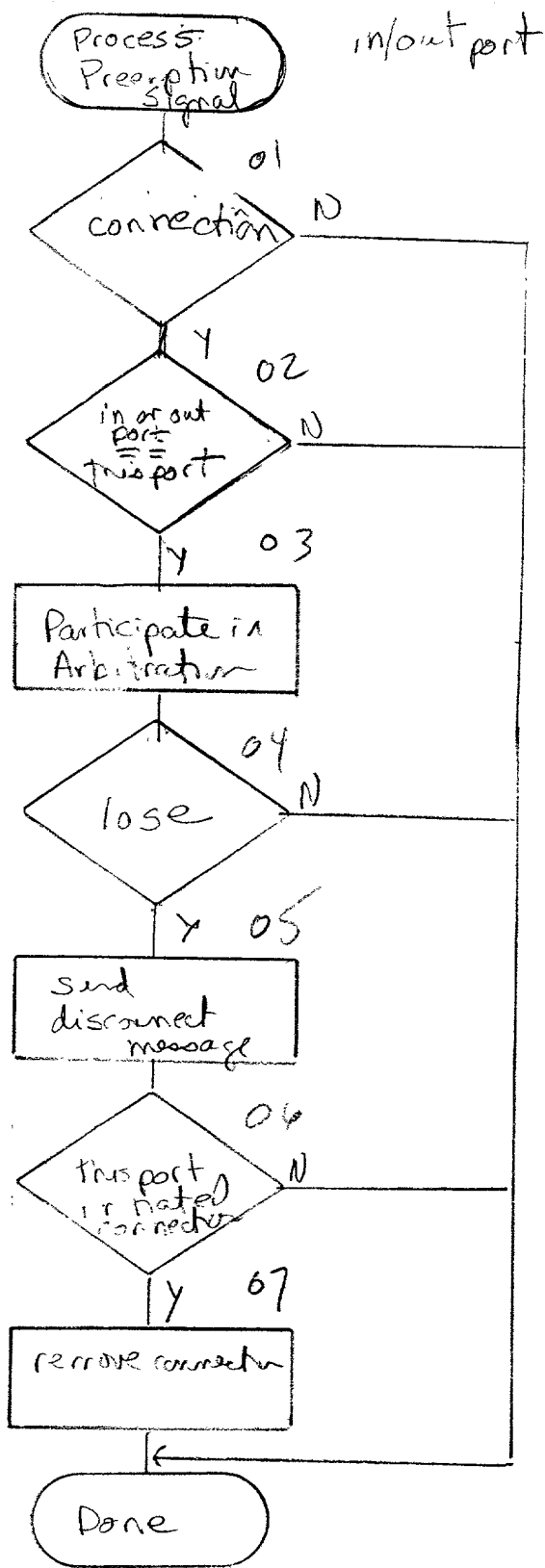


Fig. 19

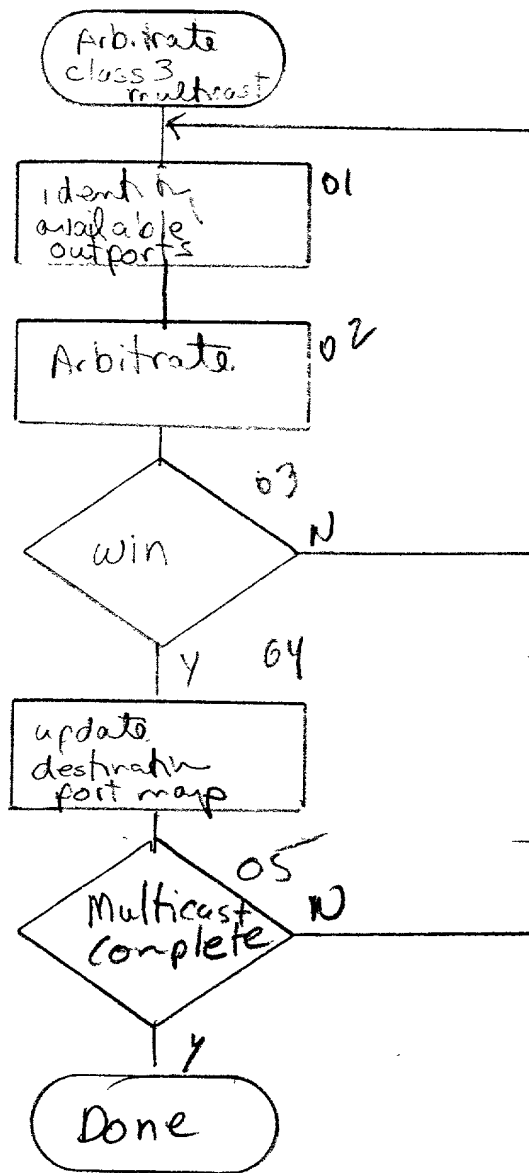


Figure 20